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SECTION 1: Identification of the substance/mixture and of the company**Product Identifier**

Product Name: SiSiB® STP51303

Relevant identified uses of the substance or mixture and uses advised against

Relevant applications identified For industrial use

Details of the supplier of the safety data sheet**Company**Nanjing SiSiB Silicones Co., Ltd.
Guanghua Sci & Tech Industrial Zone,
No. 104, Guanghua Road, Nanjing 210007, P.R.China
Email: SDS@SiSiB.com**Emergency Telephone Number:** +86-25-8468-0091**SECTION 2: Hazardous identification****Classification of the substance or mixture**

The product has not been classified as hazardous according to the legislation in force.

Classification according to Regulation (EC) No 1272/2008 as amended.

Not classified

Label Elements Not applicable

Supplemental label information EUH210: Safety data sheet available on request

Other hazards Product is inert and stable as thick clear liquid. With metal catalysts will hydrolyse with formation of low levels of methanol and ethanol vapour and crosslink into a solid polymer. Releases ethanol, CAS 64-17-5, at level less than 1.0 percent volume of resin. Methanol is also released, CAS 67-56-1 at levels less than 0.5 percent. Methanol is a poison at higher absorption or inhalation. Ethanol at low levels is metabolised and not considered a poison. Methanol and ethanol are easily absorbed into skin or inhaled as a vapour. Normal use of resin as polymer and sealant product has very low ethanol and methanol emission levels when the product is cured by moisture in normal conditions. Maintain good ventilation and avoid enclosed areas in the Factory.**SECTION 3: Composition/information on ingredients****Chemical nature**

Chemical nature: STP POLYMER

Mixtures

General information: No data available.

SECTION 4: First aid measures**Description of first aid measures****General information:**

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In case of accident or if you feel unwell seek medical advice (show label or SDS where possible).

If inhaled

Provide fresh air.

In case of skin contact

Wash with plenty of water or water and soap. In the event of a visible skin change or other complaints, seek medical advice (show label or SDS where possible).

In case of eye contact

Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.

If swallowed

Give several small portions of water to drink. Do not induce vomiting.

Most important symptoms and effects, both acute and delayed

Any relevant information can be found in other parts of this section.

Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures**Extinguishing media****Suitable extinguishing media**

Alcohol resistant foam. Carbon dioxide Dry chemical.

Unsuitable extinguishing media:

Avoid water in straight hose stream; will scatter and spread fire.

Special hazards arising from the substance or mixture

In case of fire, carbon monoxide and carbon dioxide may be formed.

Advice for firefighters**Special protective equipment for firefighting:**

Take precautionary measures against static discharges. To prevent and minimize fire or explosion risk from static accumulation and discharge, effectively bond and/or ground product transfer system.

Special protective equipment for fire-fighters:

Wear self-contained breathing apparatus and protective clothing.

SECTION 6: Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Avoid contact with eyes, skin, and clothing. Avoid contact with liquid and vapors. Use personal protective equipment. Use only in well-ventilated areas.

Environmental precautions

Do not allow runoff to sewer, waterway or ground.

Methods and materials for containment and cleaning up

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Absorb spillage with suitable absorbent material. Shovel up and place in a container for salvage or disposal.

Reference to other sections

Remove sources of ignition. In case of spills, beware of slippery floors and surfaces. See Section 8 of the SDS for Personal Protective Equipment. Collect and dispose of spillage as indicated in section 13 of the SDS.

SECTION 7: Handling and storage**Precautions for safe handling:**

Do not taste or swallow. Avoid contact with eyes, skin, and clothing. Wash hands after handling. Provide adequate ventilation. Avoid inhalation of dust and vapors.

Storage conditions:

Keep container tightly closed. Keep away from sources of ignition - No smoking.

Conditions for safe storage, including any incompatibilities**Conditions for storage rooms and vessels:**

Observe local/state/federal regulations.

Advice for storage of incompatible materials:

Observe local/state/federal regulations.

Further information for storage:

Store in a dry and cool place. Protect against moisture. Store container in a well-ventilated place.

Specific end use(s)

No data available.

SECTION 8: Exposure Controls/Personal Protection**Control Parameters****Occupational Exposure Limits**

None of the components have assigned exposure limits.

Biological Limit Values

None.

Exposure controls**Appropriate Engineering Controls:**

Provide eyewash station and safety shower. General (mechanical) room ventilation is expected to be satisfactory if handled at low temperatures or in covered equipment.

Individual protection measures, such as personal protective equipment**General information:**

Use only in well-ventilated areas. Do not eat, drink or smoke when using the product. Wash hands after handling. Practice good housekeeping.

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Eye/face protection:

Safety glasses with side-shields conforming to EN166

Skin protection**Hand Protection:**

Advice: There is no risk to health due to contact with the chemical. Use hand protection to prevent mechanically injuries. Protective gloves made of: Neoprene Nitrile rubber. Polyvinyl chloride (PVC).

Other:

Safety shoes Wear suitable protective clothing

Respiratory Protection:

Respiratory protection mask with Filter type ABEK Respirator with a vapour filter (EN 141)

Hygiene measures:

Do not breathe vapour/aerosol. When using do not eat, drink or smoke. Use only with adequate ventilation.

Wash thoroughly after handling

Environmental exposure controls:

No release to wastewater from process as such, wastewater emissions limited to release generated from final equipment cleaning step using water

SECTION 9: Physical and Chemical Properties**Information on basic physical and chemical properties**

Physical state	liquid
Form	No data available
Color	Yellow
Odor	Slight odor
Odor Threshold	No data available
pH	6.0-9.0
Freezing point	No data available
Boiling Point	> 250 °C
Flash Point	≥ 237 °C
Evaporation Rate	No data available
Flammability Limit - Upper (%)	No data available
Flammability Limit - Lower (%)	No data available
Vapor pressure	No data available
Vapor density (air=1)	No data available
Density	1.0 g/cm ³
Relative density	No data available
Solubility in Water	Reactive
Pow:	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
SADT	No data available
Viscosity, dynamic	10000-15000 cP
Explosive properties	No data available
Oxidizing properties	No data available

SECTION 10: Stability And Reactivity**Reactivity**

No data available

Chemical Stability

Material is stable under normal conditions

Possibility of hazardous reactions

Hazardous polymerisation does not occur

Conditions to avoid

Keep away from sources of ignition - No smoking. High Temperatures Moisture

Incompatible Materials

Acids. Bases. Strong oxidizing agents. Water

Hazardous Decomposition Products

In case of fire, gives off (emits): Carbon oxides Oxides of silicon

SECTION 11: Toxicological Information**Information on likely routes of exposure**

Inhalation: No data available.

Ingestion: No data available.

Ingestion: No data available.

Information on toxicological effects**Acute toxicity****Oral**

Product: No data available.

Specified substance(s)

Organosilane Ester No data available.

Dermal

Product: No data available.

Specified substance(s)

Organosilane Ester No data available.

Inhalation

Product: No data available.

Specified substance(s)

Organosilane Ester No data available.

Repeated dose toxicity

Product: No data available.

Specified substance(s) No data available.

Organosilane Ester

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Skin Corrosion/Irritation:

Product: No data available.
 Specified substance(s) No data available.
 Organosilane Ester

Serious Eye Damage/Eye

Irritation:
 Product: No data available.
 Specified substance(s) No data available.
 Organosilane Ester No data available.

Respiratory or Skin Sensitization

Product: No data available
 Specified substance(s) No data available.
 Organosilane Ester No data available.

Germ Cell Mutagenicity

In vitro

Product: No data available.
 Specified substance(s) No data available.
 Organosilane Ester

In vivo

Product: No data available.
 Specified substance(s) No data available.
 Organosilane Ester
 Carcinogenicity

Product: No data available.
 Specified substance(s) No data available.
 Organosilane Ester

Reproductive toxicity
 Product: No data available.
 Specified substance(s) No data available.
 Organosilane Ester

Specific Target Organ Toxicity - Single

Exposure

Product: No data available.
 Specified substance(s) No data available.
 Organosilane Ester

Specific Target Organ Toxicity - Repeated

Exposure

Product: No data available.
 Specified substance(s) No data available.
 Organosilane Ester

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Aspiration Hazard

Product:	No data available.
Specified substance(s)	No data available.
Organosilane Ester	
Other effects	No data available.

SECTION 12: Ecological Effects

Toxicity

Acute toxicity

Fish

Product:	No data available.
Specified substance(s)	
Organosilane Ester	
No data available.	

Aquatic Invertebrates

Product:	No data available.
Specified substance(s)	No data available.
Organosilane Ester	

Aquatic Invertebrates

Product:	No data available.
Specified substance(s)	No data available.
Organosilane Ester	

Toxicity to Aquatic Plants

Product:	No data available.
Specified substance(s)	No data available.
Organosilane Ester	

Persistence and Degradability

Biodegradation

Product:	No data available.
Specified substance(s)	No data available.
Organosilane Ester	

BOD/COD Ratio

Product:	No data available.
Specified substance(s)	No data available.
Organosilane Ester	

Bioaccumulative potential

Product:	No data available.
Specified substance(s)	hydrolyses The product is not bioaccumulating.
Organosilane Ester	

Safety, health and environmental regulations/legislation specific for the substance or mixture

GB13690-2009: General Rules for classification and hazard communication of chemicals

Order of the State Council of the People's Republic of China (No.591): Regulations on the Safety Administration of Hazardous Chemicals

GB 6944-2012: Classification and code of dangerous goods

GB 12268-2012: List of dangerous goods

GB190-2009: Packing symbol of dangerous goods

GB/T 16483-2008 Safety data sheet for chemical products-content and order of sections;

GB/T 17519-2013 Guidance of the compilation of safety data sheet for chemical products;

GB15258-2009 General Rules for preparation of precautionary label for chemicals;

GB 30000.2-2013 - GB30000.29-2013 Rules for classification and labelling of chemicals;

GBZ/T210.1-2019 Occupational exposure limits for hazardous agents in the workplace— Part 1: Chemical hazardous agents

Chemical safety assessment

For information on safety please refer to other sections of this document.

SECTION 16:Other Information**Further information**

It must be recognized that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.